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Zr	0.16	i	0.15
В	1.1	-	1.0
A	0.20	0.20	0.20
Cu	90'0	0.05	0.05
လ	_	5.1	0.5
Dy	9'0	_	9.0
Pr	6.1	1	5.5
PN	23.0	40.3	24.5
	LOW R ALLOY	HIGH R ALLOY	COMPOSITION OF SINTERED BODY

Ъ

bal.

bal.

bal.

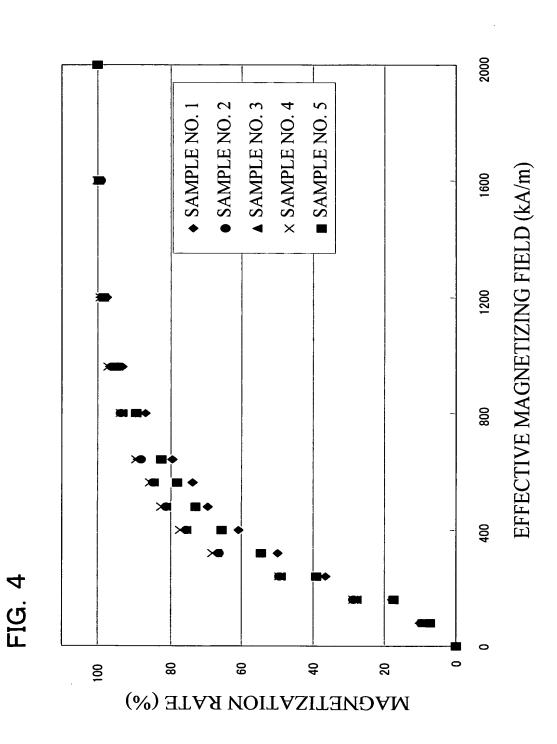
FIG. 2

SAMPLE	р	ď	Br	HcJ	(BH)max Hk/HcJ	Hk/HcJ	02	N_2	ပ
NO.	[μ m]	$[Mg/m^3]$	(E)	[kA/m]	$[kA/m]$ $[kJ/m^3]$	[%]	[ppm]	[ppm]	[ppm]
1	3.2	7.524	1.441	1120.2	399.6	97.82	760	490	750
2	3.5	7.526	1.443 1	1013.5	400.6	97.36	700	410	710
3	3.7	7.525	1.442	1099.7	400.3	97.88	440	380	810
4	4.1	7.523	1.442	1070.8	400.1	97.67	270	390	710
5	4.4	7.528		1.439 1059.6	398.5	97.95	750	270	810

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MAGNETIZING		MAGI	MAGNETIZATION RATE (%)	re (%)	
FIELD (kA/m)	SAMPLE NO. 1 (d=3.2 μ m)	SAMPLE NO. 2 (d=3.5 μ m)	SAMPLE NO. 3 (d=3.7 μ m)	SAMPLE NO. 4 (d=4.1 μ m)	SAMPLE NO. 5 (d=4.4 μ m)
0	0	0	0	0	0
80	8.2	10.0	10.2	9.6	7.4
160	18.1	28.9	27.9	58.9	17.8
240	36.7	49.3	49.1	49.5	38.0
320	49.7	2.99	67.1	2.89	54.5
400	6.09	75.6	75.7	9.77	8.29
480	69.5	1.18	81.0	82.4	73.2
260	74.1	84.6	84.8	85.4	78.3
640	£.67	0.88	88.9	8.68	82.5
800	6.98	93.5	93.2	93.6	89.5
960	93.2	96.4	96.8	97.3	94.8
1200	97.7	98.1	99.1	99.1	98.6
1600	99.5	99.1	99.5	100	99.5
2000	100	100	100	100	100
				d = MEAN GRAIN	RAIN SIZE

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MAGNETIZING		MAGI	MAGNETIZATION RATE (%)	.E (%)	
FIELD (kA/m)	SAMPLE NO. 1 $(d=3.2 \mu \text{ m})$	SAMPLE NO. 1 SAMPLE NO. 2 SAMPLE NO. 3 SAMPLE NO. 4 SAMPLE NO. 5 $(d=3.2\mum)$ $(d=3.5\mum)$ $(d=3.7\mum)$ $(d=4.4\mum)$	SAMPLE NO. 3 (d=3.7 μ m)	SAMPLE NO. 4 (d=4.1 μ m)	SAMPLE NO. 5 (d=4.4 μ m)
40	320	240	240	240	320
50	400	320	320	320	320
09	400	320	320	320	400
70	560	400	400	400	480
80	800	480	480	480	640
06	096	800	800	800	096
95	1200	096	096	096	1200
				d = MEAN GRAIN SIZE	RAIN SIZE

FIG. 5

Hogan & Hartson 81864.0037 Tetsuya HIDAKA et al. R-T-B System Rare Earth Permanent... EV 325 215 155 US 33 Drawing Sheets; Sheet 5 of 33

Б bal. bal. bal. 90.0 0.05 7 1 0: $\mathbf{\omega}$ 1 0.20 0.20 0.20 ₹ 0.05 0.05 0.05 2 ပ္ပ 0.5 5.1 1 δ 9.0 0.5 ı ሷ 5.5 6.1 1 40.3 24.5 g 23.0 COMPOSITION OF SINTERED BODY **HIGH R ALLOY** LOW R ALLOY

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		-								
SAMPLE	Ts	р	Ø	Br	HcJ	(BH)max	HcJ (BH)max Hk/HcJ	02	N_2	၁
ON	(၁့)	[m m]	[\m m] [Mg/m ³]	Ε	[kA/m]	$[kA/m]$ $[kJ/m^3]$	[%]	[ppm]	[bbm]	[mdd]
9	1010		4.4 7.53 1.445 1076.2 403.2 96.68	1.445	1076.2	403.2	96.68	580	350	710
7	1050	4.1	7.54	1.442	1082.6	400.5	7.54 1.442 1082.6 400.5 98.02	2130	270	770
8	1070	4.3		1.438	1055.8	7.55 1.438 1055.8 398.3 97.65	97.65	3430	270	750

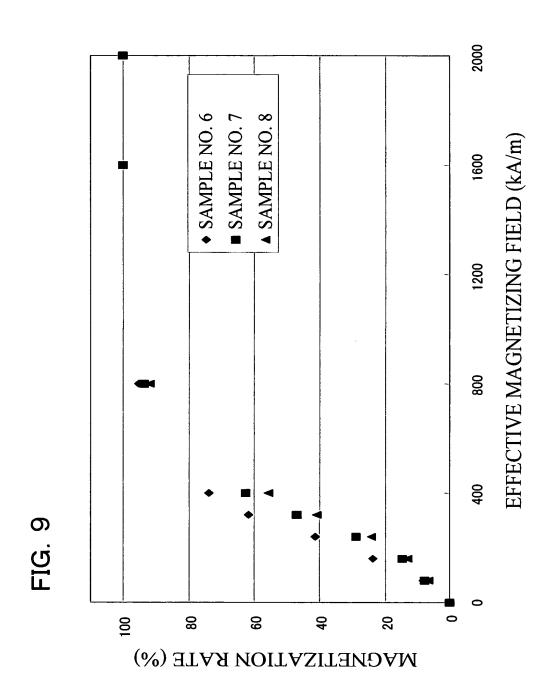
Hogan & Hartson 81864.0037 Tetsuya HIDAKA et al. R-T-B System Rare Earth Permanent... EV 325 215 155 US 33 Drawing Sheets; Sheet 6 of 33

MAGNETIZING	MAGI	MAGNETIZATION RATE (%)	re (%)
FIELD (kA/m)	SAMPLE NO. 6	SAMPLE NO. 7	SAMPLE NO. 8
0	0	0	0
08	8.0	7.8	9'9
160	23.8	14.7	13.0
240	41.4	28.9	1.42
320	61.6	47.2	40.9
400	73.7	62.5	22.7
008	95.4	93.8	91.9
1600	100	100	100
2000	100	100	100

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					•					
[wt%]	Fе	bal.	bal.	bal.	bal.	bal.	bal.	bal.	bal.	bal.
	M(Zr,Ti)	1	ı	-	0.22(Zr)	ı	0.20	0.22(Ti)	1	0.20
	œ	1.1	1	1.0	1.1	1	1.0	1.1	I	1.0
į	A	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	Cn	0.05	0.05	0.05	0.05	0.05	0.05	90'0	0.05	0.05
	Co	1	5.1	0.5	1	5.1	0.5	_	5.1	0.5
	Dy	0.55	I	0.5	0.55	ı	0.5	0.55	Ì	0.5
:	Ą	6.1	i	5.5	6.1	ı	5.5	6.1	I	5.5
	PN	23.0	40.3	24.5	23.0	40.3	24.5	23.0	40.3	24.5
		LOW R ALLOY	HIGH R ALLOY	COMPOSITION OF SINTERED BODY	LOW R ALLOY	HIGH R ALLOY	COMPOSITION OF SINTERED BODY	LOW R ALLOY	HIGH R ALLOY	COMPOSITION OF SINTERED BODY
•	SAMPLE NO.		6			10			=	

FIG. 1(

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SAMPLE	Ts	ъ	ď	Ŗ	HS.	(BH)max	HcJ (BH)max Hk/HcJ	02	N ₂	ပ
NO.	(၃)	[m m]	$[\mu m]$ $[Mg/m^3]$	Ε	[kA/m]	$[kA/m]$ $[kJ/m^3]$ [%]	[%]	[bbm]	[bbm]	[bbm]
6	1070	4.3	7.53	1.435	1027.8	356.2	7.53 1.435 1027.8 356.2 60.22	2000	320	069
10	1070		7.53	1.439	1088.3	400.2	4.2 7.53 1.439 1088.3 400.2 98.16	1800	340	650
11	1070		7.53	1.432	1080.1	380.2	4.1 7.53 1.432 1080.1 380.2 97.67	2300	240	720

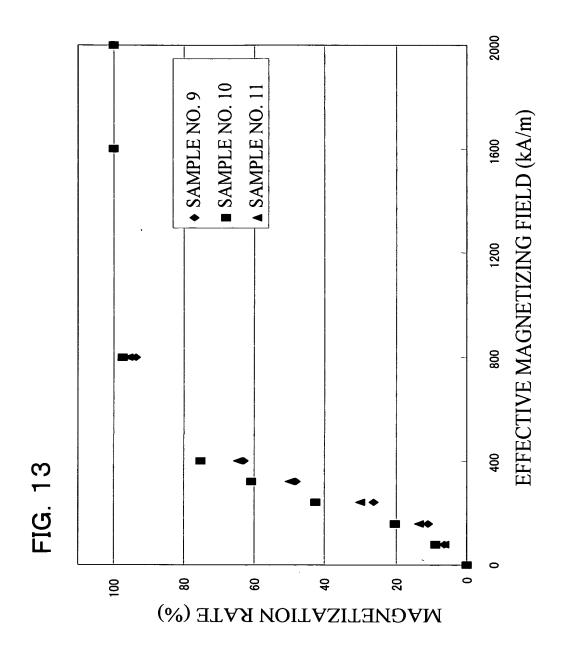
Hogan & Hartson 81864.0037 Tetsuya HIDAKA et al. R-T-B System Rare Earth Permanent... EV 325 215 155 US 33 Drawing Sheets; Sheet 10 of 33

MAGNETIZING	MAG	MAGNETIZATION RATE (%)	re (%)
FIELD (kA/m)	SAMPLE NO. 9	SAMPLE NO. 10 SAMPLE NO. 11	SAMPLE NO. 11
0	0	0	0
80	6.3	8.9	9.9
160	10.9	20.3	13.6
240	26.4	42.5	59.9
320	48.2	61.0	49.8
400	63.1	75.4	64.9
800	93.6	97.2	9'96
1600	100	100	100
2000	100	100	100

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	4
ပိ	Pr Dy Co
- 0.05	
5.1 0.05	
0.5 0.05	5.5 1.0 0.5
1	6.8 0.13 -
5.0 0.07	- 2.0
0.5	5.5 0.1 0.5
t	6.0 2.2 –
5.1	- 5.1
0.5	5.5 2.0 0.5

FIG. 14

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SAMPLE	Ts	ъ	ď	Ŗ	HcJ	(BH)max	HcJ (BH)max Hk/HcJ	02	N ₂	O
ON .	(၁ွ)	[m m]	$[\mu \text{m}] [Mg/m^3] [T] [kA/m] [kJ/m^3] [\%]$	Ξ	[kA/m]	[kJ/m³]	[%]	[mdd]	[ppm]	[mdd]
12	1060		4.3 7.53 1.407 1115.2 382.7 97.80	1.407	1115.2	382.7	97.80	720	390	800
13	1040		4.3 7.52 1.403 1110.3 381.9 98.30	1.403	1110.3	381.9	98.30	4800	120	800
14	1060	4.1	4.1 7.51 1.388 1335.1 367.3 98.34	1.388	1335.1	367.3	98.34	830	410	006

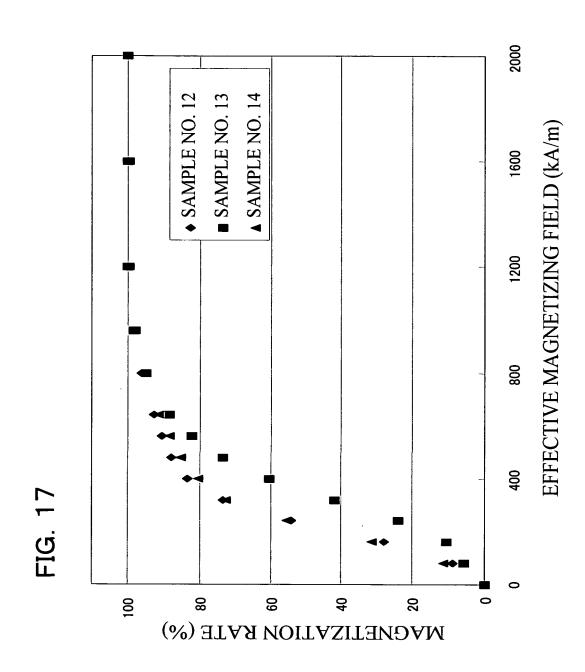
FIG. 15

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MAGNETIZING FIELD	MAGI	MAGNETIZATION RATE (%)	TE (%)
(kA/m)	SAMPLE NO. 12	SAMPLE NO. 13	SAMPLE NO. 12 SAMPLE NO. 13 SAMPLE NO. 14
0	0	0	0
08	8.6	5.5	11.2
160	27.8	10.5	31.4
240	54.3	24.1	9:99
320	73.5	41.8	72.3
400	83.5	60.3	80.4
480	87.7	73.4	85.0
560	90.4	82.3	88.4
640	92.7	88.2	91.2
800	96.2	94.9	95.9
096	98.1	98.3	97.9
1200	99.4	100	99.4
1600	100	100	98.6
2000	100	100	100

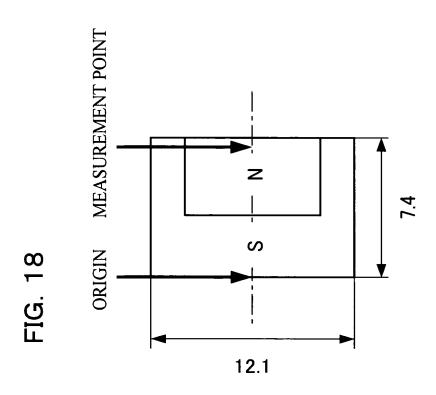
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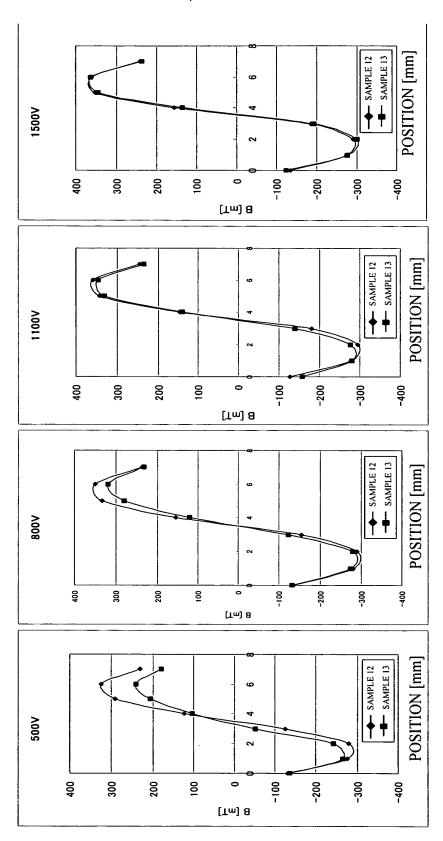


FIG. 19

Hogan & Hartson 81864.0037 Tetsuya HIDAKA et al. R-T-B System Rare Earth Permanent... EV 325 215 155 US 33 Drawing Sheets; Sheet 18 of 33

SAMPLE	Ts	р	ď	Br	℃H	(BH)max Hk/HcJ	Hk/HcJ	02	N_2	ပ
NO.	(°C)	[μ m]	$[Mg/m^3]$	П	[kA/m]	[kJ/m³]	[%]	[ppm]	[ppm]	[ppm]
15	1060	4.2	7.52	1.441	1074.3	401.9	97.53	790	450	880

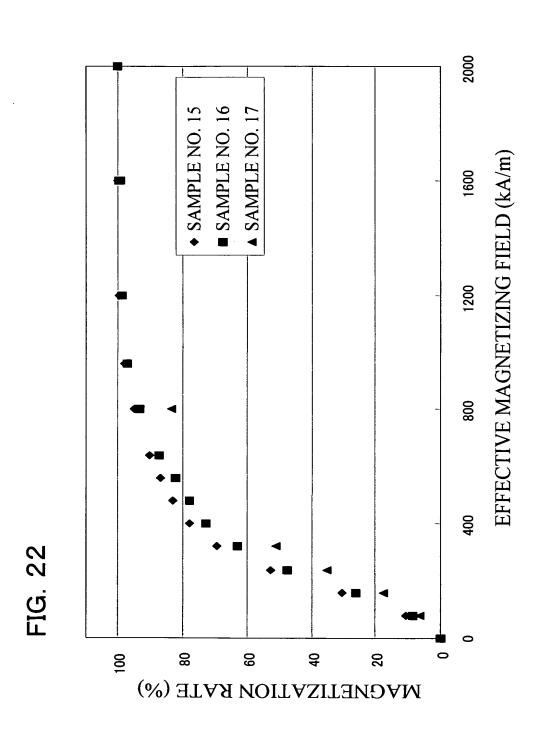
Hogan & Hartson 81864.0037 Tetsuya HIDAKA et al. R-T-B System Rare Earth Permanent... EV 325 215 155 US 33 Drawing Sheets; Sheet 19 of 33

MAGNETIZING	MAGI	MAGNETIZATION RATE (%)	LE (%)
FIELD (kA/m)	Pc=2.0	Pc=1.0	Pc=0.5
0	0	0	0
80	10.9	8.5	6.3
160	30.4	25.9	17.5
240	52.8	47.6	34.9
320	69.2	63.1	50.8
800	95.2	93.3	83.3
1600	100	99.7	99.2
2000	100	100	100

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0.70 1.01 $\mathbf{\omega}$ 0.25 ₹ 0.13 S C 0.59 ပိ 3.58 유 ۵ ı ቯ ł 27.73 PZ COMPOSITION 1

FIG. 23

Fe

bal.

FIG. 24

DEMADKS	SANAMA			+ NOITISOUMOS			
ပ	[ppm]	920	880	006	870	870	890
N ₂	[ppm]	450	420	400	370	360	350
02	[bbm]	096	840	820	770	780	750
HcJ (BH)max Hk/HcJ	[%]	90.9	95.4	96.0	94.9	94.5	94.0
(BH)max	[kA/m] [kJ/m³]	337.8	340.1	341.0	340.2	340.6	339.3
HcJ	[kA/m]	2205	2179	2151	2138	2104	2066
ģ	[<u>E</u>]	1.319	1.317	1.316	1.316	1.315	1.315
ď	$[\mu m] [Mg/m^3]$	7.585	7.594	7.589	7.592	7.586	7.581
Ъ	[m m]	3.3	3.7	4.1	4.4	4.8	5.3
SAMPLE	NO.	18	19	20	21	22	23

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				,								
	SAMPLE NO. 18 SAMPLE NO. 19 SAMPLE NO. 20 SAMPLE NO. 21 SAMPLE NO. 22 SAMPLE NO. 23 (d=3.3 μ m) (d=3.3 μ m) (d=5.3 μ m) (d=5.3 μ m)	0	10.8	34.3	57.2	76.5	84.2	92.2	96.4	99.1	100	100
	SAMPLE NO. 22 (d=4.8 μ m)	0	12.8	6.78	65.4	87.8	8'88	94.6	6'.26	001	100	100
ION RATE (%)	SAMPLE NO. 21 (d=4.4 μ m)	0	13.2	39.0	67.4	83.2	90.3	95.2	97.8	100	100	100
MAGNETIZATION RATE (%)	SAMPLE NO. 20 (d=4.1 μ m)	0	13.6	39.1	68.2	83.6	90.0	95.1	98.2	100.0	100.0	100.0
	SAMPLE NO. 19 (d=3.7 μ m)	0	13.3	37.4	62.9	82.5	88.4	94.5	98.1	100	100	100
	SAMPLE NO. 18 (d=3.3 μ m)	0	6.6	31.2	53.2	73.4	83.3	91.2	92.6	99.1	100	100
MAGNETIZING	FIELD (kA/m)	0	08	160	240	320	400	260	800	1200	1600	2000

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0.70 £ 1.01 $\boldsymbol{\omega}$ 0.25 ₹ 0.13 ಬ 0.59 ပိ 4.78 2 5 ı ቯ į 25.53 뫋 COMPOSITION 2

Fe

bal.

FIG. 27

	_			- 2		
REMARKS				800 COMPOSITION 2		
O	[ppm]	810	820		830	820
N ₂	[bbm]	390	370	340	300	180
02	[ppm]	490	910	1350	1890	2580
(BH)max Hk/HcJ	[%]	95.8	97.0	97.4	96.8	9.96
(ВН)тах	[kJ/m³]	332.3	332.6	333.5	331.7	331.5
HcJ	$[kA/m]$ $[kJ/m^3]$	2432	2440	2422	2399	2335
Br	Ξ	1.307	1.307	1.306	1.306	1.303
ď	$[\mu m]$ $[Mg/m^3]$	4.2 7.598	7.596	7.593	7.594	4.0 7.585
р	[m m]	4.2	4.1	4.1	4.1	
SAMPLE	ON	24	25	26	27	28

Hogan & Hartson 81864.0037 Tetsuya HIDAKA et al. R-T-B System Rare Earth Permanent... EV 325 215 155 US 33 Drawing Sheets; Sheet 24 of 33

	28	0	1.9	- .	0.	က	4.	œ	ιĊ	- .	100	100
	SAMPLE NO. ? (0,=2580)	1	11	42.1	0.63	2.97	83.4	91.8	96	99.1	01	01
re (%)	SAMPLE NO. 27 (0,=1890)	0	14.1	4 .64	70.2	82.9	91.1	96.5	99.1	100	100	100
MAGNETIZATION RATE (%)	SAMPLE NO. 26 (0,=1350)	0	15.4	52.4	75.3	86.2	93.1	6.96	100	100	100	100
MAG	SAMPLE NO. 24 SAMPLE NO. 25 SAMPLE NO. 26 SAMPLE NO. 27 SAMPLE NO. 28 (O ₃ =490) (O ₃ =910) (O ₃ =1350) (O ₃ =1890) (O ₃ =2580)	0	16.0	55.7	78.3	89.6	94.3	97.2	99.1	100	100	100
	SAMPLE NO. 24 (0,=490)	0	17.3	56.2	79.1	90.4	94.5	97.6	100	100	100	100
MAGNETIZING	FIELD (kA/m)	0	80	160	240	320	400	260	800	1200	1600	2400

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										[wt%]
	Nd	Pr	Dy	٩L	တ	no	AI	В	Σ	Не
COMPOSITION 1	27.73	t	-	3.58	0.59	0.13	0.25	1.0	Nb=0.7	bal.
COMPOSITION 3	27.85	-	-	3.62	0.57	0.14	0.24	1.0	-	bal.
COMPOSITION 4	27.69	ı	-	3.55	09.0	0.13	0.25	1.0	Nb=1.4	bal.
COMPOSITION 5	27.83	-	_	3.58	0.57	0.13	0.25	1.0	Zr=0.15	bal.
COMPOSITION 6	27.78	-	1	3.51	0.59	0.14	0.25	1.0	Ta=0.7	bal.
COMPOSITION 7	27.87	-	1	3.55	0.55	0.13	0.24	1.0	Bi=0.07	bal.
COMPOSITION 8	27.89	-	1	3.5	65.0	0.13	0.23	1.0	Ga=0.5	bal.
COMPOSITION 9	27.74	-	1	3.64	0.55	0.14	0.26	1.0	Sn=0.7	bal.
COMPOSITION 10 27.80	27.80	l	1	3.48	0.54	0.13	0.24	1.0	Zr=0.1 Nb=0.2	bal.

:1G. 26

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_	1	-								
DEMABKS	NEWANNS	COMPOSITION 1	COMPOSITION 3	COMPOSITION 4	COMPOSITION 5	COMPOSITION 6	COMPOSITION 7	COMPOSITION 8	COMPOSITION 9	840 COMPOSITION 10
O	[ppm]	006	820	820	860	880	840	820	880	840
N_2	[ppm]	400	370	390	400	380	370	410	390	420
02	[ppm]	820	1360	1140	920	1010	1220	066	1040	1250
Hk/HcJ	[%]	96.0	93.6	97.6	95.1	96.5	95.9	96.2	92.6	97.1
(BH)max	[kJ/m³]	341.0	352.5	329.4	355.4	339.8	353.2	345.0	342.6	350.1
HcJ	[kA/m]	2151	2044	2246	2064	2167	2134	2287	2196	2144
ģ	Ξ	1.316	1.34	1.301	1.338	1.314	1.336	1.324	1.321	1.331
O	$[Mg/m^3]$	7.589	7.577	7.583	7.585	7.579	7.582	7.576	7.580	7.585
ъ	[m m]	4.1	4.3	4.0	3.9	4.2	4.6	4.2	4.1	3.9
SAMPLE	NO.	18	29	30	31	32	33	34	35	36

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	г -					-							_
	SAMPLE	NO. 36	Zr=0.1 Nb=0.2	0	14.7	41	69.2	84.2	91	95.6	99.1	100	100
	SAMPLE	NO. 35	(Sn=0.7)	0	13.3	37.9	89	84	90.3	95.5	98.2	100	100
	SAMPLE	NO. 34	(Ga=0.5)	0	13.1	38.6	67.8	83.6	90.3	95.5	98.2	100	100
ATE (%)	SAMPLE	NO. 33	(Bi=0.07)	0	12.4	36.1	62.2	77.8	87.8	93.9	6.96	99.1	100
MAGNETIZATION RATE (%)	SAMPLE	NO. 32	(Ta=0.7)	0	12.8	37.4	64.3	80.4	88.4	94.1	97.7	99.1	100
MAGNET	SAMPLE	NO. 31	(Zr=0.15)	0	13.8	40.2	69	84.2	91.0	95.5	99.1	100	100
	SAMPLE	NO. 30	(Nb=1.4)	0	14.5	40.6	68.7	84	90.7	92.5	98.2	100	100
	SAMPLE	NO. 29	1	0	6.6	28.4	49.8	71.8	83.5	91.2	94.7	98.7	100
	, ,	NO. 18	(Nb=0.7)	0	13.6	39.1	68.2	83.6	90.0	94.5	98.2	100.0	100.0
	MAGNETIZING	LA (1)	(KA/ m)	0	80	160	240	320	400	260	800	1600	2000

FIG. 33

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										[wt%]
	PΝ	Pr	Dy	ТЬ	°O	nO	AI	В	Nb	Fe
COMPOSITION 11 26.5	26.5	3.1	2.0	ı	0.7	0.08	0.25	1.0	1	bal.
COMPOSITION 12	24.2	3.0	4.4	-	0.7	80'0	0.25	1.0	_	bal.
COMPOSITION 13 22.8	22.8	2.9	5.8	ı	0.7	80'0	0.08 0.25	1.0	1	bal.
COMPOSITION 14 20.5	20.5	2.9	8.1	ı	0.7		0.08 0.25	1.0	ŧ	bal.

FIG. 33

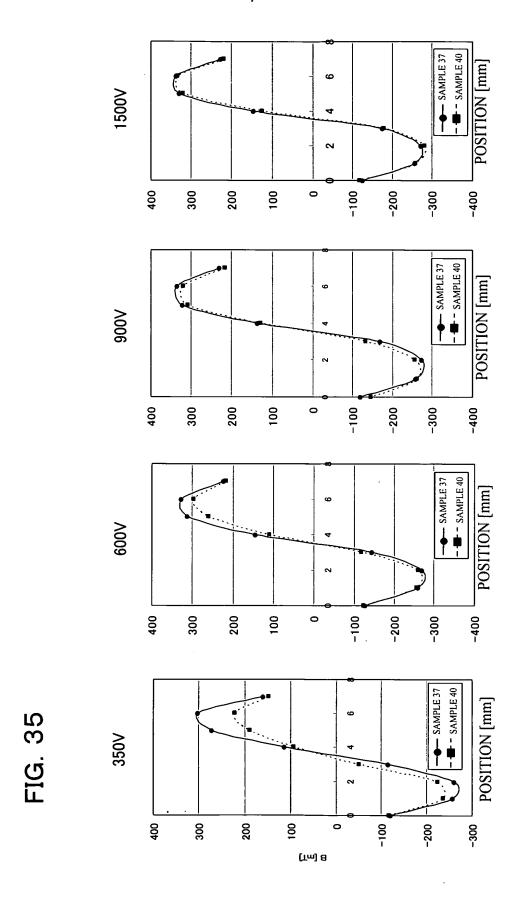
SAMPLE	ס	Q	Ŗ	F.	HcJ (BH)max Hk/HcJ O ₂	Hk/HcJ	02	N ₂	ပ	DEMABKS
NO.	[μ m]	$[Mg/m^3]$	(T)	[kA/m]	$[kA/m]$ $[kJ/m^3]$ [%]	[%]	[mdd]	[ppm] [ppm]	[mdd]	REMARKS
37	4.1	7.539	7.539 1.383 1196 366.2	1196	366.2		97.3 1770	110		790 COMPOSITION 11
38	4.1	7.577	.577 1.301 1698 326.5	1698	326.5		96.8 1810	110		820 COMPOSITION 12
39	4.0	7	.581 1.262		2015 293.8	97.1	97.1 1690	120		770 COMPOSITION 13
40	4.1	7.594	594 1.201 2435 271.4 97.0 1820	2435	271.4	97.0	1820	100		770 COMPOSITION 14

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MAGNETIZING		MAGNETIZAT	MAGNETIZATION RATE (%)	
FIELD	SAMPLE NO. 37	SAMPLE NO. 37 SAMPLE NO. 38 SAMPLE NO. 39 SAMPLE NO. 40	SAMPLE NO. 39	SAMPLE NO. 40
(kA/m)	(Dy=2.0)	(Dy=4.4)	(Dy=5.8)	(Dy=8.1)
0	0	0	0	0
08	11.0	12.1	13.5	15.4
160	28.7	35.4	6.98	40.2
240	52.1	62.2	65.4	1.89
320	2.69	78.5	83.1	<u> </u>
400	83.2	88.2	6.06	1.86
260	92.1	94.7	7.96	786
800	97.4	99.1	8.66	100
1600	1.66	100	100	100
2000	100	100	100	100

-1G. 34

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71G. 00			,							[wt%]
	PN	Pr	ΛQ	Tb	00	Cu	IV	В	qN	Fe
COMPOSITION 15	27.3	3.0	ı	0.7	0.7	0.08	0.25	1.0	1	bal.
COMPOSITION 16	26.7	3.0	-	1.2	0.7	0.08	0.25	1.0	_	bal.
COMPOSITION 17	24.0	2.9	1	3.6	0.7	0.08	0.25	1.0	_	bal.
COMPOSITION 18	22.6	3.0	-	5.0	0.7	0.08	0.25	1.0	1	bal.

FIG. 37

SAMPLE	ס	ď	Br	HoJ	(BH)max	HcJ (BH)max Hk/HcJ O ₂	02	N ₂	ပ	0/10 4 44 10
NO.	[µ m]	[Mg/m³]	Ξ	[kA/m]	$[kA/m]$ $[kJ/m^3]$ [%]	[%]	[ppm]	[ppm]	[ppm]	KEMAKKS
41	4.1	7.542	7.542 1.396 1253 379.2	1253	379.2	96.9	1710	130		760 COMPOSITION 15
42	4.2	l	7.558 1.380		1398 370.4	97.2	97.2 1920	120		780 COMPOSITION 16
43		4.0 7.579 1.321 2090	1.321	2090	339.5	9.96	1740	130		760 COMPOSITION 17
44	4.3	7.588	7.588 1.282 2488 320.1	2488	320.1	96.7	1800	110		770 COMPOSITION 18

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MAGNETIZING		MAGNETIZAT	MAGNETIZATION RATE (%)	:
FIELD	SAMPLE NO. 41	SAMPLE NO. 41 SAMPLE NO. 42 SAMPLE NO. 43 SAMPLE NO. 44	SAMPLE NO. 43	SAMPLE NO. 44
(kA/m)	(Tb=0.7)	(Tb=1.2)	(Tb=3.6)	(Tb=5.0)
0	0	0	0	0
08	10.2	12.2	13.2	14.7
160	26.7	32.5	36.1	68
240	51.7	6.09	63.4	65.2
320	70.2	76.2	6.87	8.08
400	82.1	85.4	0.78	8.68
260	0.06	97.6	94	95.4
800	95.2	97.1	6.86	1.66
1600	99.1	100	100	100
2000	100	100	100	100

.1G. 38

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MAGNETIZING	MAGI	MAGNETIZATION RATE (%)	_E (%)
FIELD	SAMPLE NO. 19	SAMPLE NO. 19 SAMPLE NO. 45 SAMPLE NO. 46	SAMPLE NO. 46
(kA/m)	(Pc=2.0)	(Pc=1.0)	(Pc=0.5)
0	0	0	0
80	13.3	10.4	7.3
160	37.4	31.9	21.8
240	62.9	28.7	44.2
320	82.5	76.3	60.9
400	88.4	84.2	70.8
260	94.5	91.6	81.2
800	98.1	96.3	89.5
1600	100	100	99.1
2000	100	100	100

-1G. 39